

10730242_CLS.txt
Most Frequently Occurring Classifications of Patents Returned
From A Search of 10730242 on August 02, 2006

Original Classifications

5 455/561
4 455/66.1
2 370/335

Cross-Reference Classifications

5 455/67.11
4 340/945
4 342/367
4 375/219
4 455/431
4 455/67.13
4 455/67.16
4 701/14
4 701/35
3 370/335
3 370/342
3 375/232
3 455/276.1
3 455/65
2 340/505
2 340/506
2 340/531
2 340/825.72
2 375/130
2 375/146
2 380/34
2 455/103
2 455/404.1
2 455/550.1

Combined Classifications

6 455/67.11
5 370/335
5 455/561
4 340/945
4 342/367
4 375/219
4 455/431
4 455/66.1
4 455/67.13
4 455/67.16
4 701/14
4 701/35
3 370/342
3 375/232
3 455/276.1
3 455/65
2 340/505
2 340/506
2 340/531
2 340/825.72
2 370/208
2 370/331
2 375/130
2 375/146
2 380/34
2 455/103
2 455/12.1

10730242_CLS.txt

2 455/404.1
2 455/436
2 455/527
2 455/550.1
2 455/69

Titles of Most Frequently Occurring Classifications of Patents Returned
From A Search of 10730242 on August 02, 2006

- 6 455/67.11 (1 OR, 5 XR)
 Class 455 : TELECOMMUNICATIONS
 455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS
 455/67.11 .Having measuring, testing, or monitoring of
 system or part
- 5 370/335 (2 OR, 3 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/310 COMMUNICATION OVER FREE SPACE
 370/328 .Having a plurality of contiguous regions
 served by respective fixed stations
 370/329 ..Channel assignment
 370/335 ...Combining or distributing information via
 code word channels using multiple access techniques

(e.g.,

CDMA)

- 5 455/561 (5 OR, 0 XR)
 Class 455 : TELECOMMUNICATIONS
 455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.,
 TRANSCIVER)
 455/550.1 .Radiotelephone equipment detail
 455/561 ..Base station detail
- 4 340/945 (0 OR, 4 XR)
 Class 340 : COMMUNICATIONS: ELECTRICAL
 340/945 AIRCRAFT ALARM OR INDICATING SYSTEMS
- 4 342/367 (0 OR, 4 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/350 DIRECTIVE
 342/367 .Including directive communication system
- 4 375/219 (0 OR, 4 XR)
 Class 375 : PULSE OR DIGITAL COMMUNICATIONS
 375/219 TRANSCEIVERS
- 4 455/431 (0 OR, 4 XR)
 Class 455 : TELECOMMUNICATIONS
 455/403 RADIOTELEPHONE SYSTEM
 455/422.1 .Zoned or cellular telephone system
 455/431 ..Airborne or aircraft
- 4 455/66.1 (4 OR, 0 XR)
 Class 455 : TELECOMMUNICATIONS
 455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS
 455/66.1 .Having diverse art device
- 4 455/67.13 (0 OR, 4 XR)
 Class 455 : TELECOMMUNICATIONS
 455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS
 455/67.11 .Having measuring, testing, or monitoring of
 system or part
 455/67.13 ..Noise, distortion, or unwanted signal
 detection (e.g., quality control, etc.)

10730242_CLSTITLES.txt

4 455/67.16 (0 OR, 4 XR)
 Class 455 : TELECOMMUNICATIONS
 455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS
 455/67.11 .Having measuring, testing, or monitoring of
 system or part
 455/67.16 ..Phase measuring (e.g., group delay,
 propagation effect, etc.)

4 701/14 (0 OR, 4 XR)
 Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
 RELATIVE LOCATION
 701/1 VEHICLE CONTROL, GUIDANCE, OPERATION, OR
 INDICATION
 701/3 .Aeronautical vehicle
 701/14 ..Flight condition indicating system

4 701/35 (0 OR, 4 XR)
 Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
 RELATIVE LOCATION
 701/1 VEHICLE CONTROL, GUIDANCE, OPERATION, OR
 INDICATION
 701/29 .vehicle diagnosis or maintenance indication
 701/35 ..with data recording device

3 370/342 (0 OR, 3 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/310 COMMUNICATION OVER FREE SPACE
 370/342 .Combining or distributing information via code
 word channels using multiple access techniques (e.g.,
 CDMA)

3 375/232 (0 OR, 3 XR)
 Class 375 : PULSE OR DIGITAL COMMUNICATIONS
 375/229 EQUALIZERS
 375/230 .Automatic
 375/232 ..Adaptive

3 455/276.1 (0 OR, 3 XR)
 Class 455 : TELECOMMUNICATIONS
 455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY
 CONVERTER
 455/269 .with wave collector (e.g., antenna)
 455/272 ..Plural separate collectors
 455/276.1 ...with phase shifting, correcting, or
 regulating in the output path of one or more collectors

3 455/65 (0 OR, 3 XR)
 Class 455 : TELECOMMUNICATIONS
 455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS
 455/63.1 .Distortion, noise, or other interference
 prevention, reduction, or compensation
 455/65 ..Anti-multipath

2 340/505 (0 OR, 2 XR)
 Class 340 : COMMUNICATIONS: ELECTRICAL
 340/500 CONDITION RESPONSIVE INDICATING SYSTEM
 340/501 .with particular system function (e.g.,
 temperature compensation, calibration)
 340/505 ..Interrogator-responder

10730242_CLSTITLES.txt

- 2 340/506 (0 OR, 2 XR)
 Class 340 : COMMUNICATIONS: ELECTRICAL
 340/500 CONDITION RESPONSIVE INDICATING SYSTEM
 340/501 .With particular system function (e.g.,
 temperature compensation, calibration)
 340/506 ..Alarm system supervision

- 2 340/531 (0 OR, 2 XR)
 Class 340 : COMMUNICATIONS: ELECTRICAL
 340/500 CONDITION RESPONSIVE INDICATING SYSTEM
 340/531 .With particular coupling link

- 2 340/825.72 (0 OR, 2 XR)
 Class 340 : COMMUNICATIONS: ELECTRICAL
 340/825 SELECTIVE
 340/825.71 .Frequency responsive actuation
 340/825.72 ..Wireless link

- 2 370/208 (1 OR, 1 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/203 GENERALIZED ORTHOGONAL OR SPECIAL MATHEMATICAL
 TECHNIQUES
 370/208 .Particular set of orthogonal functions

- 2 370/331 (1 OR, 1 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/310 COMMUNICATION OVER FREE SPACE
 370/328 .Having a plurality of contiguous regions
 served by respective fixed stations
 370/329 ..Channel assignment
 370/331 ...Hand-off control

- 2 375/130 (0 OR, 2 XR)
 Class 375 : PULSE OR DIGITAL COMMUNICATIONS
 375/130 SPREAD SPECTRUM

- 2 375/146 (0 OR, 2 XR)
 Class 375 : PULSE OR DIGITAL COMMUNICATIONS
 375/130 SPREAD SPECTRUM
 375/140 .Direct sequence
 375/146 ..Transmitter

- 2 380/34 (0 OR, 2 XR)
 Class 380 : CRYPTOGRAPHY
 380/255 COMMUNICATION SYSTEM USING CRYPTOGRAPHY
 380/270 .Wireless communication
 380/33 ..Using plural paths or channels
 380/34 ...Plural carrier frequencies

- 2 455/103 (0 OR, 2 XR)
 Class 455 : TELECOMMUNICATIONS
 455/91 TRANSMITTER
 455/103 .Plural separate transmitters or channels

- 2 455/12.1 (1 OR, 1 XR)
 Class 455 : TELECOMMUNICATIONS
 455/7 CARRIER WAVE REPEATER OR RELAY SYSTEM (I.E.,
 RETRANSMISSION OF SAME INFORMATION)
 455/11.1 .Portable or mobile repeater
 455/12.1 ..Space satellite

- 2 455/404.1 (0 OR, 2 XR)

10730242_CLSTITLES.txt

```

Class 455 : TELECOMMUNICATIONS
455/403    RADIOTELEPHONE SYSTEM
455/404.1  .Emergency or alarm communication

2 455/436    (1 OR, 1 XR)
Class 455 : TELECOMMUNICATIONS
455/403    RADIOTELEPHONE SYSTEM
455/422.1  .Zoned or cellular telephone system
455/436    ..Handoff

2 455/527    (1 OR, 1 XR)
Class 455 : TELECOMMUNICATIONS
455/39     TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

455/500     .Plural transmitters or receivers (i.e., more
             than two stations)
455/527     ..Break-in or priority override

2 455/550.1  (0 OR, 2 XR)
Class 455 : TELECOMMUNICATIONS
455/73     TRANSMITTER AND RECEIVER AT SAME STATION (E.G.,
             TRANSCEIVER)
455/550.1  .Radiotelephone equipment detail

2 455/69     (1 OR, 1 XR)
Class 455 : TELECOMMUNICATIONS
455/39     TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

455/68     .with control signal
455/69     ..Transmitter controlled by signal feedback
             from receiver

```

PLUS Search Results for S/N 10730242, Searched August 02, 2006

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

5715526
5960362
6035199
5886993
6219344
6219344
7054664
6240290
5802105
5588038
6411825
6442374
6801788
6978092
5996095
6026121
6112059
5490172
5509027
5519691
5786923
5822324
5883884
5917542
5926500
5930230
5987076
5991596
6006110
6047165
6072990
6104914
6108523
6154637
6219561
6219561
4430755
4535441
4577182
RE32856
5282238
5323149
5349631
5355114
5361399
5369639
5428819
5488631
5495483
5513210